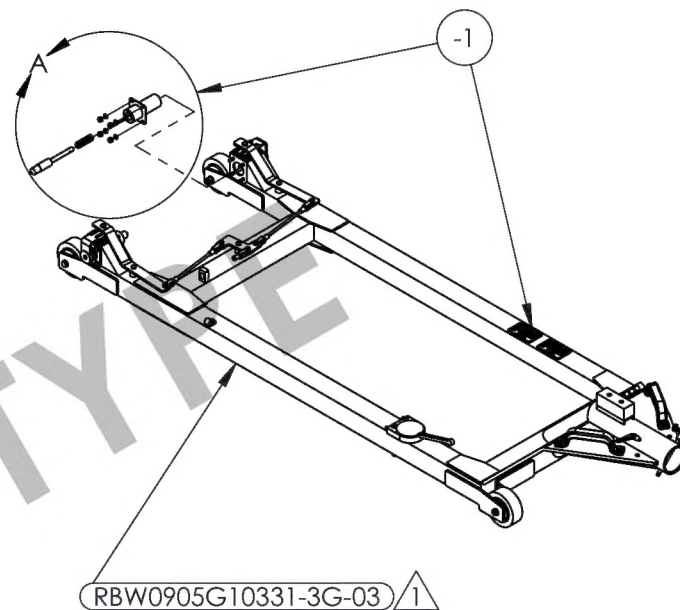
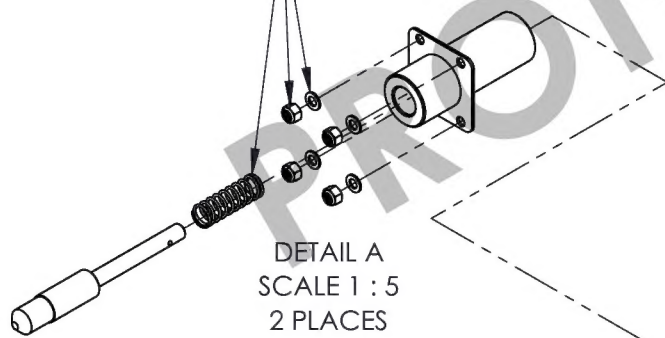


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
E1		RELEASED FOR PROTOTYPE.	12/22/2015	DPD	JAG

NUTS, WASHERS, & SPRING  
FROM RBW0905G10331-3G-03



**NOTE:**

- 1 USE RBW0905G10331-3G-03 EXCEPT FOR THE FOLLOWING PARTS:  
-67 PIN HOUSING WELDMENT  
-85 PIN  
BOTH REPLACED BY RBW10010-1

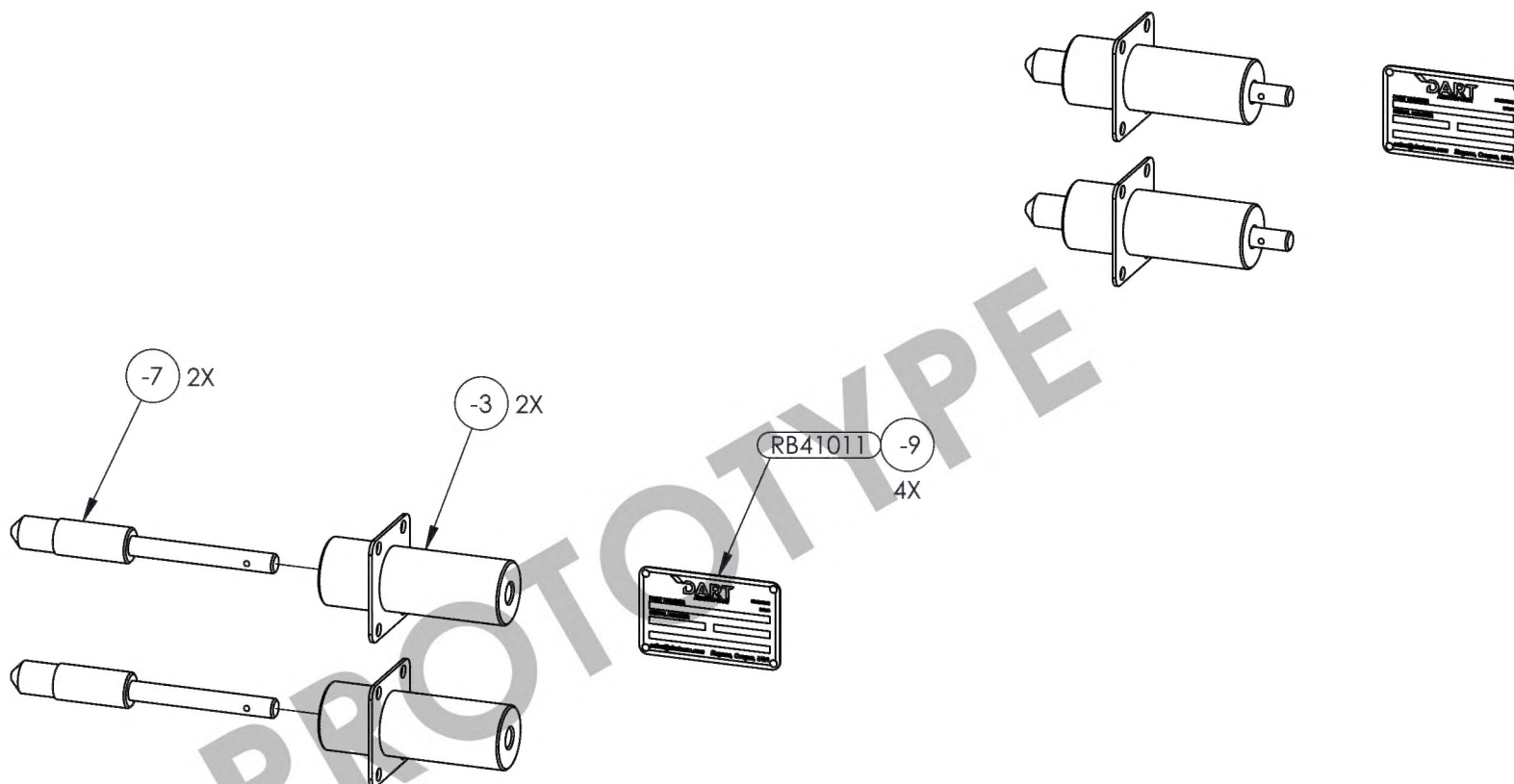
PROTOTYPE

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
				1	TOW BAR, (FLIR)		RBW0905G10331-3G-03	1
	X		-1	1	AW169 UPGRADE KIT			2
X	2		-3		PIN HOUSING WELDMENT			3
1					HOUSING PLATE	1018	RBW0905G10331-3G-03-69A	
1			-5		PIN HOUSING	1018/1020		
	2		-7		PIN	4140/4142		5
	4	B/O	-9		#2 DRIVE SCREW	STEEL	1/8 (MCMASTER-CARR #90081A074)	2
	1	B/O			DART PLACARD	ALUMINUM	RB41011	2
ASSY -3	ASSY -1							

<b>DART</b> AEROSPACE	
TITLE <b>TOW BAR, REAR HALF (FLIR) AW169</b>	
DWG NO. <b>RBW10010</b>	REV <b>E1</b>
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1	DRAWN BY: <b>DUERFELDT</b> APPROVED <i>J Gilbert</i> HEAT TREAT FINISH SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL <b>AW169</b>
SCALE 1:20	DATE 12/22/2015
SHEET 1 OF 5	

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REVISIONS			
REV	ECR	DESCRIPTION	DATE



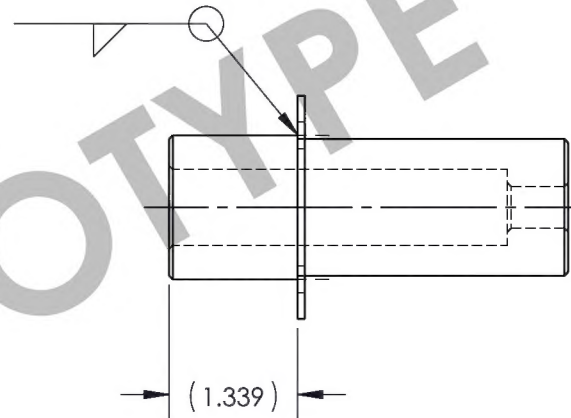
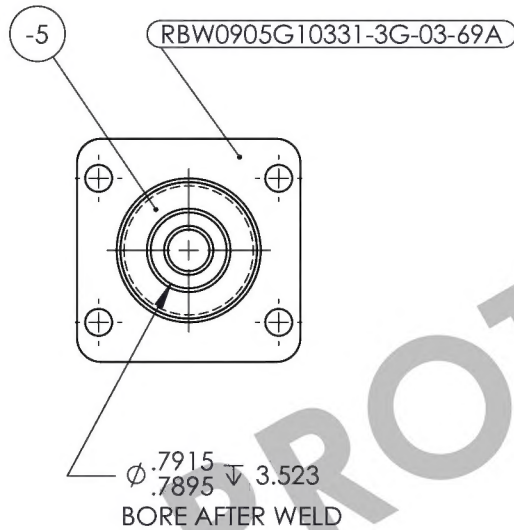
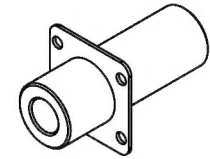
(-1)  
AW169 UPGRADE KIT

PROTOTYPE

<b>DART</b> AEROSPACE	
TITLE TOW BAR, REAR HALF (FLIR) AW169	
DWG NO. RBW10010-1	REV <b>E1</b>
MAT'L	DRAWN BY: DUERFELDT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>J Gilbert</i>
.XXX ± .005	HEAT
.XX ± .01	TREAT
.X ± .1	FINISH
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL AW169
SCALE 1:4	DATE 12/23/2015
SHEET 2 OF 5	

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



-3

PIN HOUSING WELDMENT

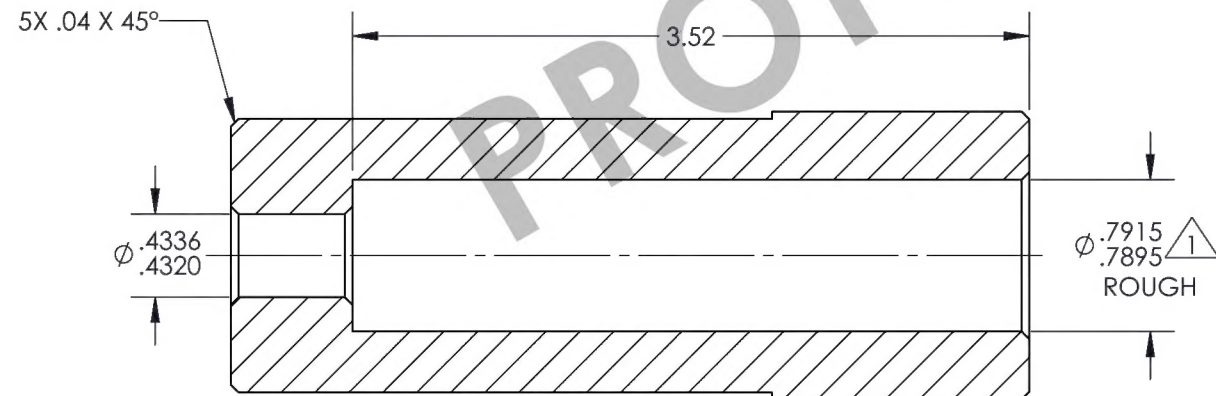
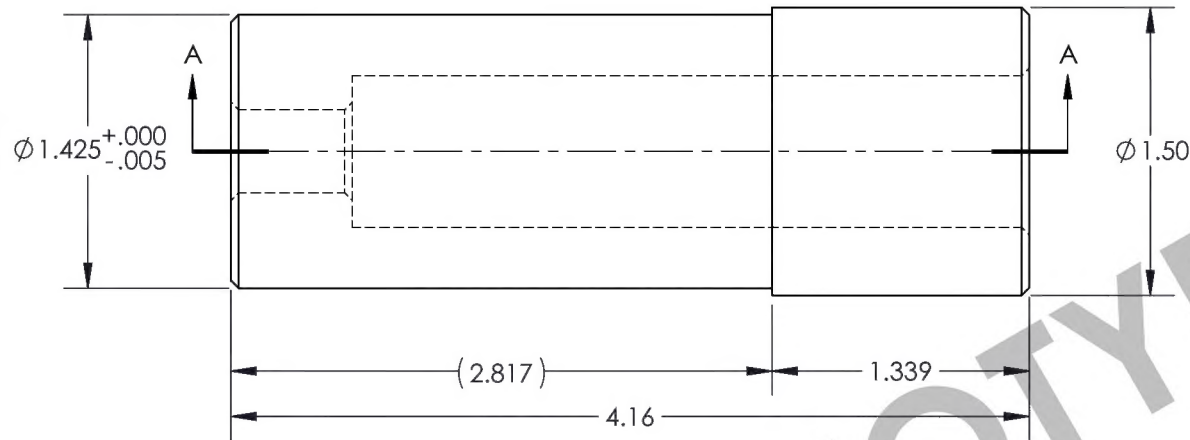
PROTOTYPE



TITLE		TOW BAR, REAR HALF (FLIR) AW169	
DWG NO.		RBW10010-3	REV E1
MAT'L		DRAWN BY: DUERFELDT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED <i>J Gilbert</i>	
.XXX $\pm .005$		HEAT TREAT	
.XX $\pm .01$		FINISH YELLOW ZINC	
.X $\pm .1$		SPEC ASTM B633 TYPE II SC 2	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		USED ON MODEL	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		AW169	
SCALE	1:2	DATE	12/22/2015
		SHEET 3 OF 5	

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REVISIONS			
REV	ECR	DESCRIPTION	DATE



SECTION A-A

(5)  
PIN HOUSING

NOTE:

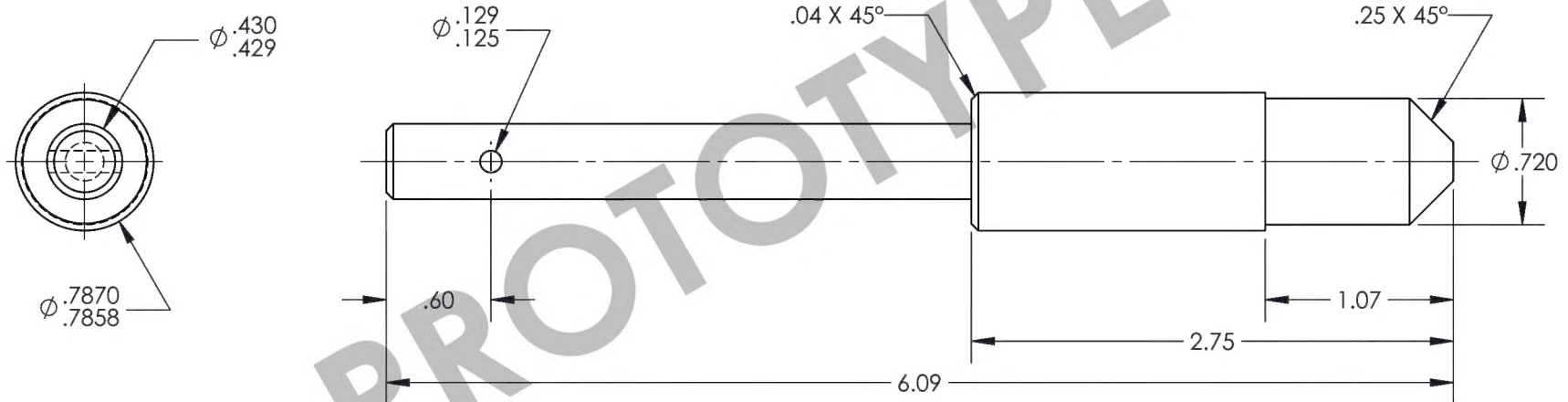
- 1 AFTER WELDING SEE -1 FINISH BORE TO ACHIEVE DIMENSION.

PROTOTYPE

<b>DART</b> AEROSPACE	
TITLE TOW BAR, REAR HALF (FLIR) AW169	
DWG NO. RBW10010-5	REV E1
MAT'L 1018/1020	DRAWN BY: DUERFELDT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>J Gilbert</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH SEE -1 WELDMENT
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW169
SCALE 1:1	DATE 12/22/2015
SHEET 4 OF 5	

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



(-7)  
PIN

PROTOTYPE

<b>DART</b> AEROSPACE	
TITLE TOW BAR, REAR HALF (FLIR) AW169	
DWG NO. RBW10010-7	REV <b>E1</b>
MAT'L 4140/4142	DRAWN BY: DUERFELDT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>J Gilbert</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT RC 40-45
.XX ± .01 ANGLES ± 5°	FINISH YELLOW ZINC
.X ± .1	SPEC ASTM B633 TYPE II SC 2
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW169
SCALE 1:1	DATE 12/22/2015
SHEET 5 OF 5	